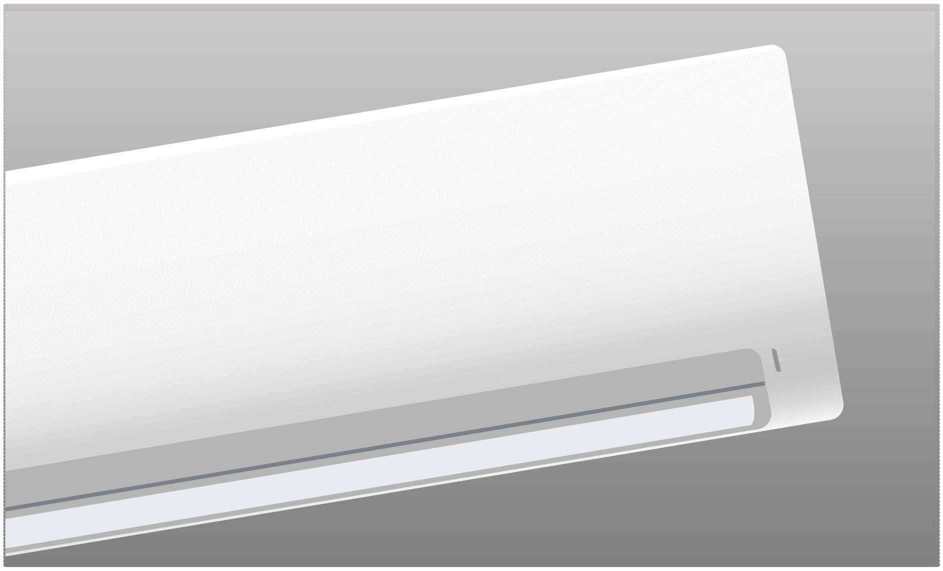
USER'S MANUAL

AS18MSANXTL
AS18MSAXXTL

Split - type Air Conditioner

(Cooling)



DB98-27257A

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Safety Precautions

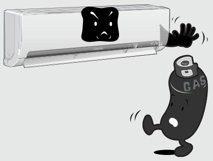
The following safety precautions are provided to protect the users' safety and prevent property damage. Make sure to read the followings and use the air conditioner properly.

◗ *Keep this user's manual together with the installation manual in a handy place so that you can find it whenever you need to see it after reading this manual thoroughly.*

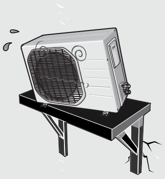
⚠ ***WARNING*** • This indicates the possibility of serious injury or death.

⚠ ***CAUTION*** • This indicates the possibility of serious injury or damage to environments when operated incorrectly.

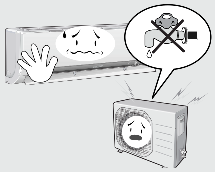
WHEN INSTALLING



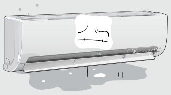
▶ Do not install the unit in a place where it is exposed to inflammable gas leakage.



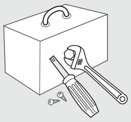
▶ Do not install the outdoor unit where there's the risk of dropping such as on high outer wall or outside of the terrace.



▶ Do not connect the ground to a gas pipe, water pipe, lightning rod or telephone earth.

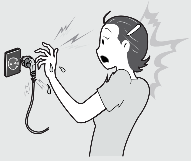


▶ Contact the service center if the air conditioner is under water.

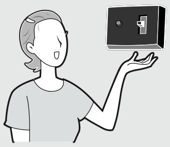


▶ The installation must be carried out by a licensed installer or qualified personnel when installing the unit for the first time or reinstalling it.

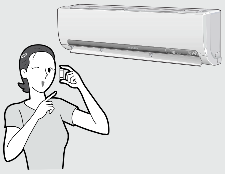
REGARDING POWER SOURCE



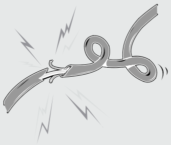
▶ Do not pull the electric wire or touch the power plug with the wet hands.



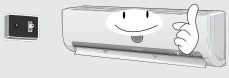
▶ Install the switch and circuit breaker only for air conditioner.



▶ Use the rated current fuse.



▶ Do not bend the electric wire by force or weigh down the air conditioner not to be out of order.

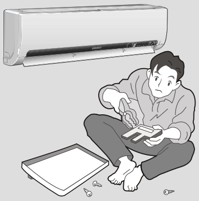


▶ Use the power source with separate wiring only for air conditioner.

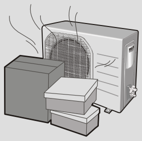
▶ If the power plug is damaged, replace it by the manufacturer or qualified personnel to avoid the risk.

WARNING

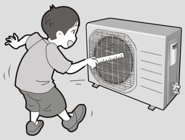
DURING OPERATION



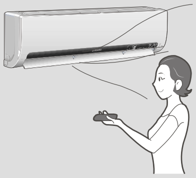
▶ Do not attempt to repair, move, modify or reinstall the unit on your own. Make sure that these installations are carried out by qualified personnel to avoid electric shock or fire.



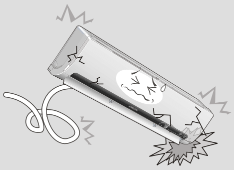
▶ Do not place any obstacles in front of the unit. Make sure that the unit is correctly ventilated at all times: Do not place clothing or other materials over it.



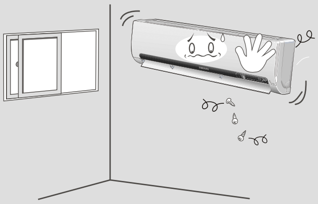
▶ Do not insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.



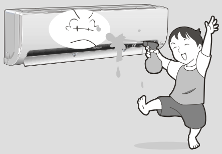
▶ When using a wireless remote control, the distance should not be more than 7 meters from the air conditioner. (If applicable)



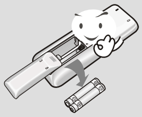
▶ The manufacturer declines any liability for damage resulting from modifications or errors in the electrical or hydraulic connections.



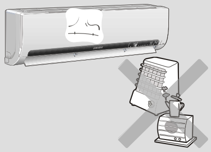
▶ Failure to observe the installation instruction, or use of the unit under conditions other than those indicated in the table 'Operating limit' of the unit installation manual, will immediately invalidate the unit warranty.



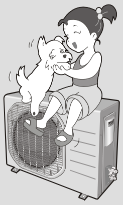
▶ Never spill any kind of liquid into the unit. Should this happen, unplug or main switch off the unit and contact an authorized service center.



▶ If the wireless remote control is not used for a long time, remove the batteries. (If applicable)



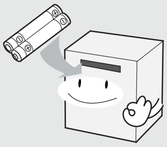
▶ Do not connect the electric heater to the air conditioner or repair it with your discretion.



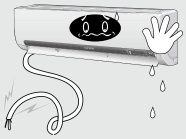
▶ Do not place any materials so that children cannot step on it.

WARNING

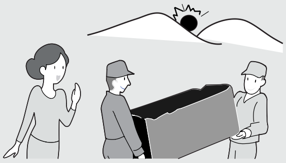
DISPOSING THE UNIT



- Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely for recycling reasons.



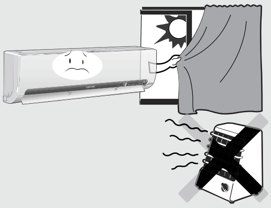
- When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.



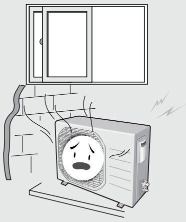
- Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.

CAUTION

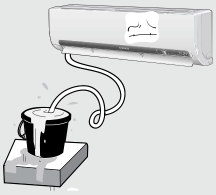
WHEN INSTALLING



- Install the air conditioner avoiding direct sunlight or heater, especially water.



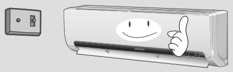
- Install the outdoor unit so as to let the discharged air out properly. Avoid a place that may disturb your neighbor by noise.



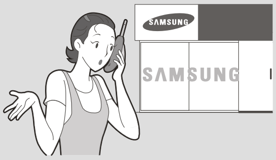
- Install the drain hose to let the water run safely and correctly.

CAUTION

REGARDING POWER SOURCE



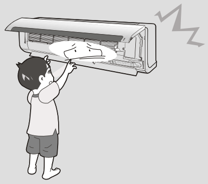
▶ Disconnect the circuit breaker when you don’t use the air conditioner for a long time to save energy.



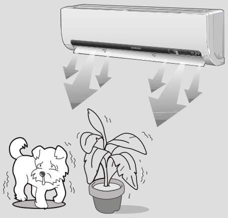
▶ Contact the service center or manufacturer if you want to repair the air conditioner.

▶ Contact the service center after turning off the air conditioner if strange noise is heard, burning smell or smoke blow.

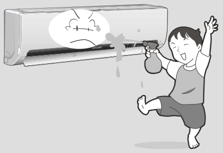
DURING OPERATION



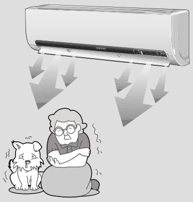
▶ Do not open the front grille during operation.



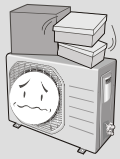
▶ Avoid cold and hot air reaching to person, pet or a plant directly for a long time.



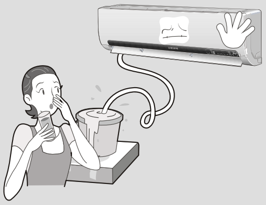
▶ Avoid the water from getting into the air conditioner.



▶ Do not use the air conditioner for a long time in a closed room or in a place where there’s a baby or an old person.



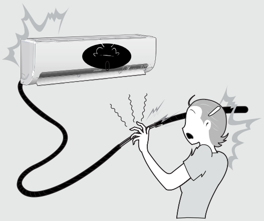
▶ Do not step on the air conditioner or put heavy object on it.



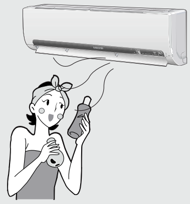
▶ Do not drink the water from the air conditioner.

CAUTION

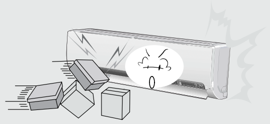
During Operation



- Do not touch the pipes connected to the air conditioner.

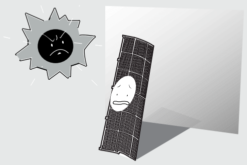


- Do not use the air conditioner to maintain the machine, food, pet, plant or cosmetics.

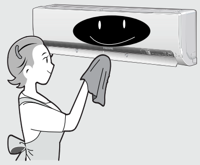


- Do not give excessive shock to the air conditioner.

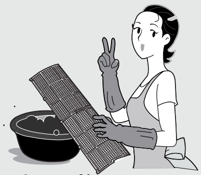
Others



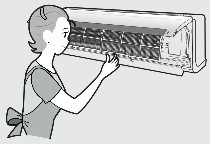
- Be sure that the air filter not to be exposed to direct sunlight.



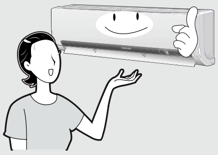
- Turn off the air conditioner and if the fan stops to operate, clean the air conditioner.



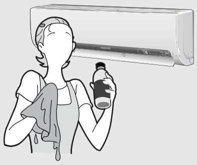
- Clean the air filter every 2 weeks.



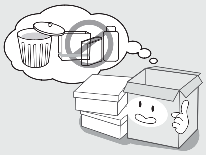
- Be sure to insert the air filter.



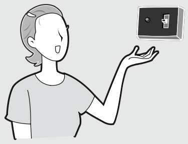
- The appliance is not intended for use by young children or infirm persons without supervision: Young children should be supervised to ensure that they do not play with the appliance.



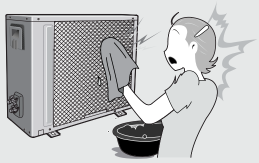
- Do not clean the air conditioner by spraying water directly or with benzene, thinner or alcohol.



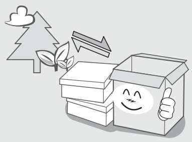
- Dispose of the packaging material in accordance with the local requirements.



- The maximum input power & current is measured according to the IEC standard and the input power & current is measured according to the ISO standard.



- The surface of the heat exchanger is sharp, so be careful of it when cleaning.

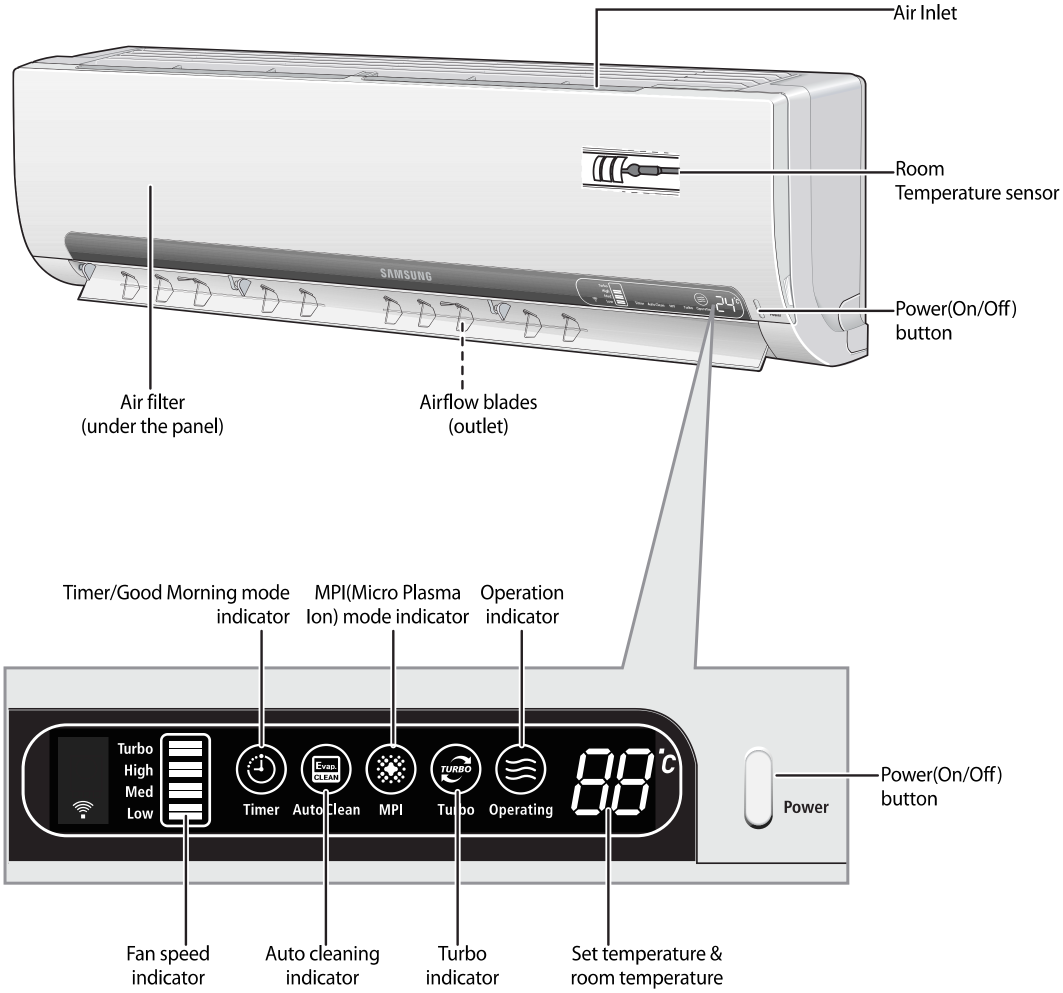


- All of the manufacturing and packaging materials used for your new appliance are compatible with the environment and can be recycled.

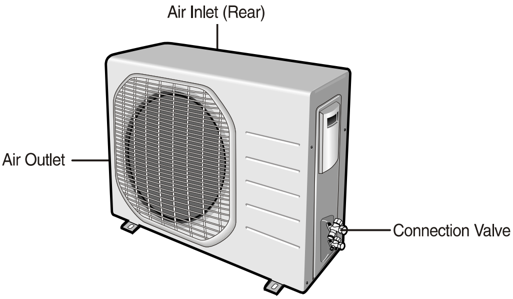
Name of Each Part

The design and shape can be changed according to the model.

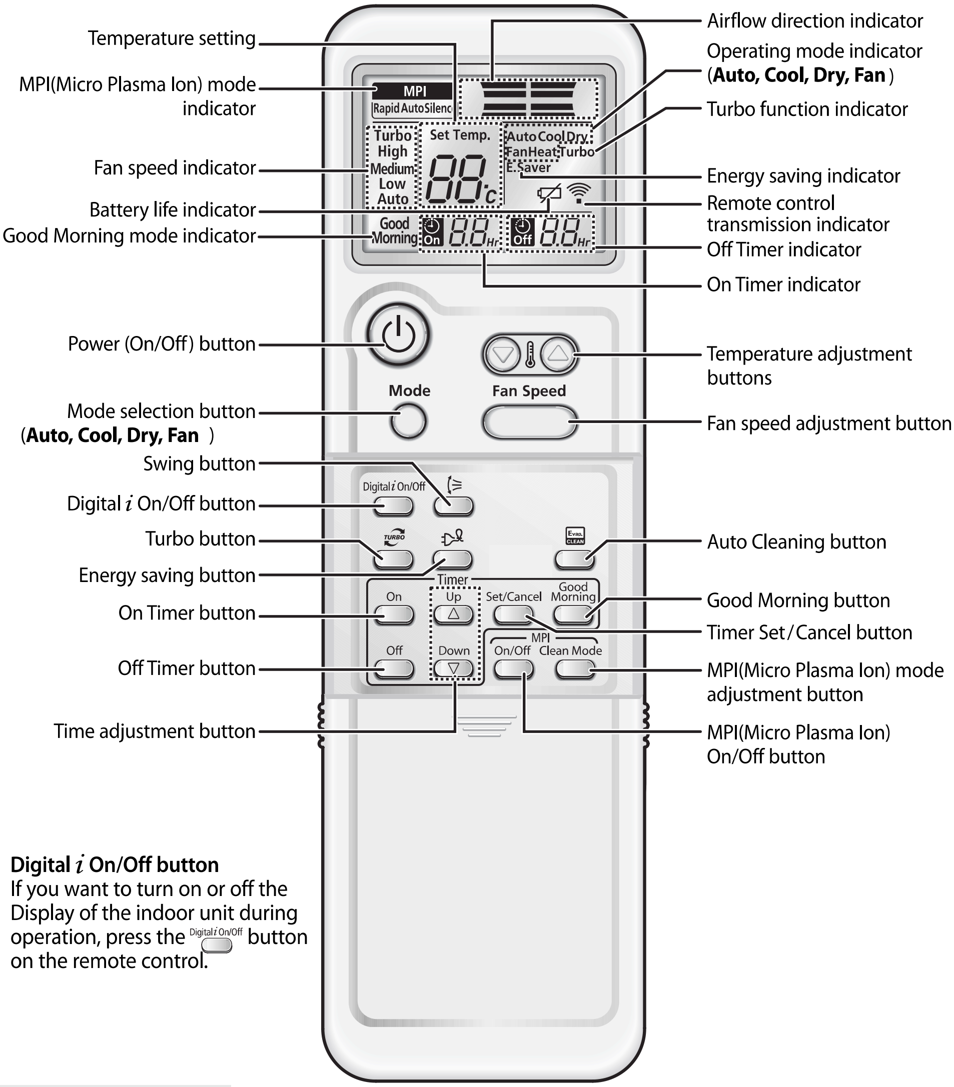
Indoor Unit


Air Inlet
Room Temperature sensor
Power(On/Off) button
Air filter (under the panel)
Airflow blades (outlet)
SAMSUNG
Timer/Good Morning mode indicator
MPI(Micro Plasma Ion) mode indicator
Operation indicator
Turbo
High
Med
Low
Evap. CLEAN
TURBO
Timer
Auto Clean
MPI
Turbo
Operating
88 °C
Power
Power(On/Off) button
Fan speed indicator
Auto cleaning indicator
Turbo indicator
Set temperature & room temperature

Outdoor Unit

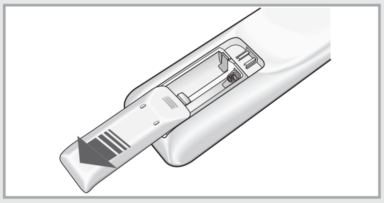

Air Inlet (Rear)
Air Outlet
Connection Valve

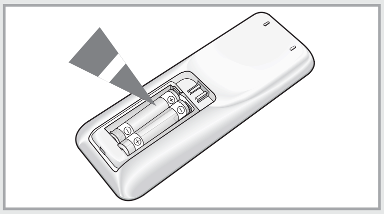
Remote Control - Buttons and Display


Temperature setting
MPI(Micro Plasma Ion) mode indicator
Fan speed indicator
Battery life indicator
Good Morning mode indicator
Power (On/Off) button
Mode selection button (**Auto, Cool, Dry, Fan**)
Swing button
Digital *i* On/Off button
Turbo button
Energy saving button
On Timer button
Off Timer button
Time adjustment button
Airflow direction indicator
Operating mode indicator (**Auto, Cool, Dry, Fan**)
Turbo function indicator
Energy saving indicator
Remote control transmission indicator
Off Timer indicator
On Timer indicator
Temperature adjustment buttons
Fan speed adjustment button
Auto Cleaning button
Good Morning button
Timer Set/Cancel button
MPI(Micro Plasma Ion) mode adjustment button
MPI(Micro Plasma Ion) On/Off button
MPI
Rapid Auto Silenc
Turbo
High
Medium
Low
Auto
Set Temp.
88
°C
Auto Cool Dry
Fan Heat Turbo
E.Saver
Good Morning
On
88 Hr
Off
88 Hr
Mode
Fan Speed
Digital *i* On/Off
TURBO
EVAP. CLEAN
Timer
On
Up
Set/Cancel
Good Morning
Off
Down
MPI
On/Off
Clean Mode

Note **Digital *i* On/Off button**
If you want to turn on or off the Display of the indoor unit during operation, press the Digital *i* On/Off button on the remote control.

Inserting the Remote Control Batteries





You must insert or replace the remote control batteries when:

- ◆ ***You purchase the air conditioner***
- ◆ ***The remote control does not work correctly***

Note

- ◆ Use two AAA, LR03 1.5V batteries.
- ◆ Do not use old and new batteries or different kinds of batteries together.
- ◆ Insert two batteries correctly as indicated by the + and – symb

1 Remove the battery cover in the rear of the remote control by pushing it with your thumb.

2 Insert two batteries, respecting the polarities as indicated by the + and - symbols.

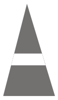
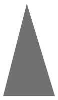
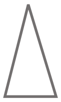
3 Close the cover by sliding it back in place.

Getting Started

The User's Manual provides you with valuable information about your air conditioner. In order to take full advantage of the air conditioner's features, please read this manual carefully before using.

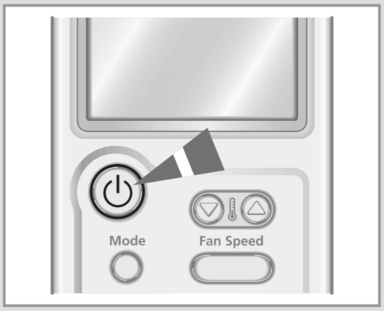
You have already seen the basic description of the unit on pages from 8 to 10. Starting with the next page, you will find a series of step-by-step procedures for each function available.

The illustrations in the step-by-step procedures use three different symbols:

		
PRESS	**PUSH**	**HOLD DOWN**

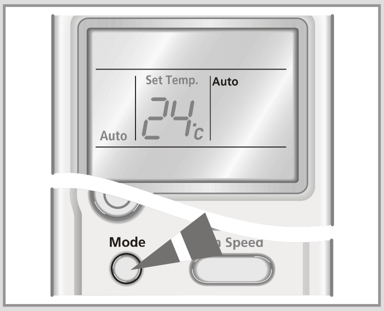
Selecting Auto Mode

You can select Auto mode if you want to cool or heat your room automatically. You can adjust the temperature in this mode.



1 Press the ⏻ (On/Off) button.

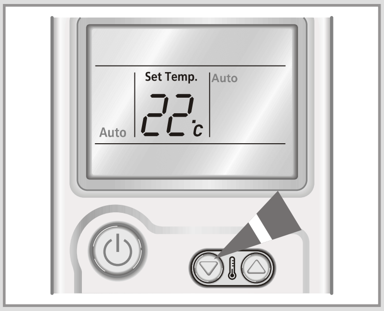
Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in cool mode with turbo fan speed.
- ◆ The indoor unit beeps.



2 Press the Mode ○ button on the remote control until **Auto** is displayed.

Result:
- ◆ The indoor unit beeps each time you press the Mode ○ button.
- ◆ The air conditioner runs in Auto mode.

Note You can change modes at any time.



3 Press the ▽🌡△ button to adjust the temperature until the required temperature is displayed.
You can set the temperature between 16°C and 30°C.

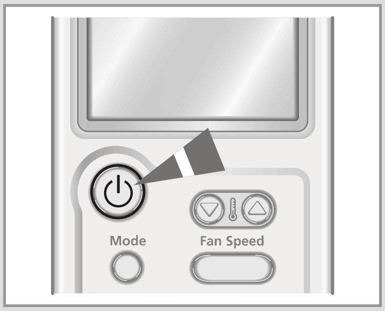
Result:
- ◆ Each time you press the ▽🌡△ button:
  - The temperature adjusts by 1°C
  - The indoor unit beeps
- ◆ The fan speed adjusts automatically.

Selecting Cool Mode

You can select Cool mode if you want to cool your room.
You can adjust the temperature and the fan speed when cooling.

1 Press the ⏻ (On/Off) button.

Result:
- The operation indicator on the indoor unit lights up.
- The air conditioner starts up in cool mode with turbo fan speed.
- The indoor unit beeps.

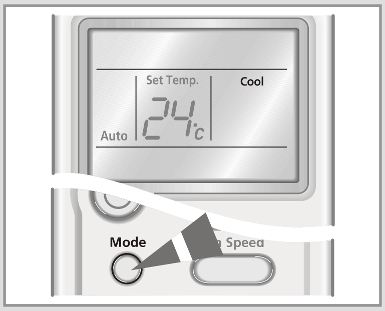


---

2 Press the Mode ○ button on the remote control until **Cool** is displayed.

Result:
- The indoor unit beeps each time you press the Mode ○ button.
- The air conditioner runs in Cool mode.

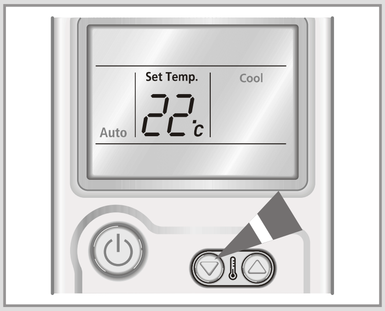
Note You can change modes at any time.



---

3 Press the ▽🌡△ button to adjust the temperature until the required temperature is displayed.
You can set the temperature between 16°C and 30°C.

Result:
- Each time you press the ▽🌡△ button:
  - The temperature adjusts by 1°C
  - The indoor unit beeps
- If the room temperature is higher than the selected temperature, the air conditioner starts cooling.
- If the room temperature reaches the set temperature, the air conditioner stops cooling, but the fan continues to operate.

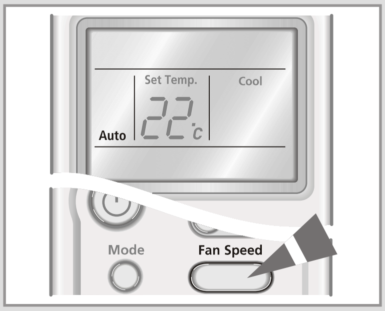


---

4 Press the Fan Speed ⬭ button to select the fan speed until the required setting is displayed.

Auto ⇢ Low ⇢ Medium ⇢ High ⇢ Maximum

Result: Each time you press the Fan Speed ⬭ button, the indoor unit beeps.



---

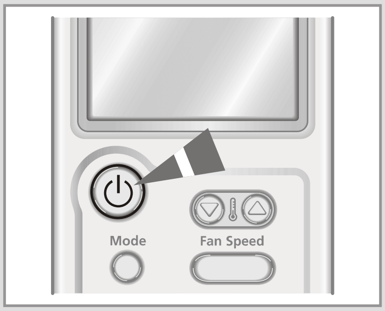
5 To control the airflow direction, refer to page 20.

Selecting Dry Mode

Select Dry mode if you want to dehumidify your room.
You can adjust the temperature in this mode.

1 Press the ⏻ (On/Off) button.

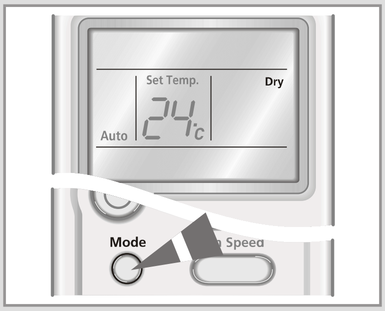
Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in cool mode with turbo fan speed.
- ◆ The indoor unit beeps.



2 Press the Mode ○ button on the remote control until **Dry** is displayed.

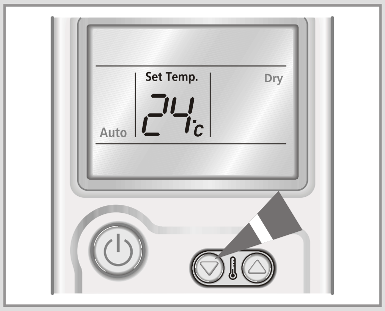
Result:
- ◆ The indoor unit beeps each time you press the Mode ○ button.
- ◆ The air conditioner runs in the Dry mode.

Note You can change modes at any time.



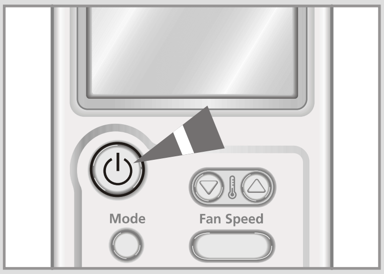
3 Press the ▽🌡△ button to adjust the temperature until the required temperature is displayed.
You can set the temperature between 18°C and 30°C.

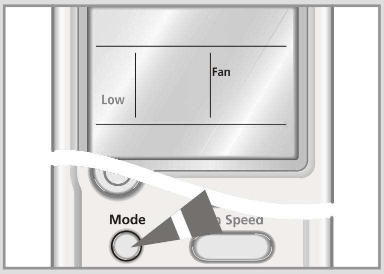
Result:
- ◆ Each time you press the ▽🌡△ button:
  - The temperature adjusts by 1°C
  - The indoor unit beeps
- ◆ The air conditioner starts dehumidifying and the fan speed adjusts automatically.

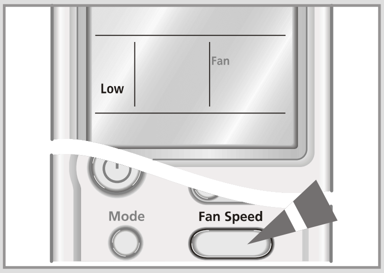


4 To control the airflow direction, refer to page 20.

Selecting Fan Mode







You can select the Fan mode if you want to ventilate your room. It helps to refresh the air in your room. You can adjust the fan speed in this mode.

1 If necessary, press the POWER ⏻ button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in Cool mode with Turbo fan speed.
- ◆ The indoor unit beeps.

2 Press the MODE ○ button on the remote control until ✣◀ is displayed.

Result:
- ◆ The indoor unit beeps each time you press the MODE ○ button.
- ◆ The air conditioner runs in the Fan mode.
- ◆ The temperature is set automatically.

Note You can change modes at any time.

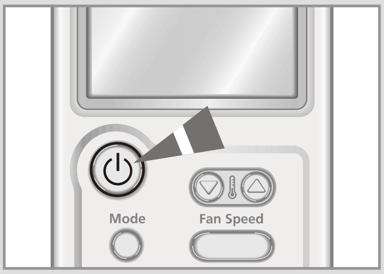
3 Press the FAN SPEED ○ button to select the fan speed until the required setting is displayed.

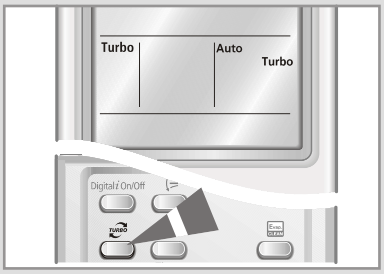
✣▂ Low
✣▂▃ Medium
✣▂▃▅ High

Result: Each time you press the FAN SPEED ○ button, the indoor unit beeps.

4 To control the airflow direction, refer to page 20.

Selecting the Turbo Function





You can select the Turbo Function if you want to cool or heat your room as quickly as possible. The Turbo function operates for 30 minutes with the maximum settings before returning automatically to the mode and temperature previously selected.

1 Press the ⏻ (On/Off) button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in the mode you selected last.
- ◆ The indoor unit beeps.

2 Press the TURBO button.

Result:
- ◆ The temperature and fan settings are adjusted automatically.
- ◆ The air conditioner cools or heats the room as quickly as possible.
- ◆ After 30 minutes, the air conditioner is reset automatically to the previous setting.
- ◆ You can select the Turbo function in Auto, Cool and Heat mode. If you select this function in Dry or Fan mode, the mode changes to Auto mode.

3 Press the TURBO button again to stop the Turbo Function before the end of the 30-minute period.

Result: The air conditioner is reset automatically to the previous setting.

4 To control the airflow direction, refer to page 20.

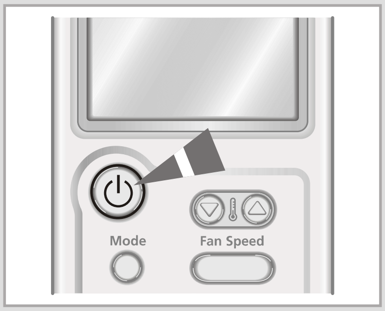
Selecting the Energy Saving Function

You can select the Energy Saving Function to save energy when cooling.
The temperature range decreases in order to perform this function.

---

1 Press the ⏻ (On/Off) button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in cool mode with turbo fan speed.
- ◆ The indoor unit beeps.

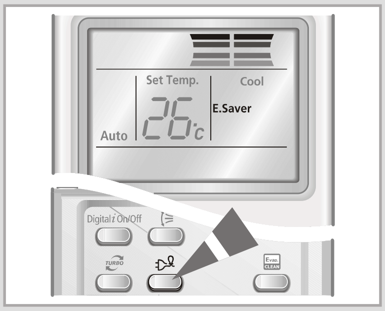

Mode
Fan Speed

---

2 Press the ⬭ button.

Result:
- ◆ The indoor unit beeps.
- ◆ The air conditioner runs in the Energy saving function.
- ◆ The outer airflow blade moves up and down.
- ◆ The airflow direction indicator is displayed automatically.
- ◆ To stop the Energy saving function, press the ⬭ again.

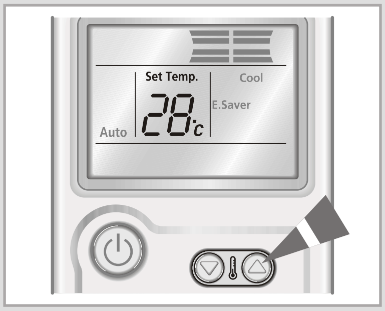
Note You can select the Energy saving function only in Cool mode.


Set Temp.
Cool
E.Saver
Auto
26°C
Digital *i* On/Off
TURBO
Evap. CLEAN

---

3 Press the ▽🌡△ button to adjust the temperature until the required temperature is displayed.
You can set the temperature between 26°C and 30°C.

Note If you want to adjust temperature under 26°C, cancel the Energy saving function before adjusting the temperature.

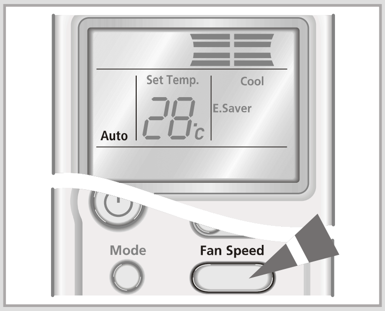

Set Temp.
Cool
E.Saver
Auto
28°C

---

4 Press the Fan Speed ⬭ to select the fan speed until the required setting is displayed.

Auto → Low → Medium → High

Result: Each time you press the Fan Speed ⬭ button, the indoor unit beeps.

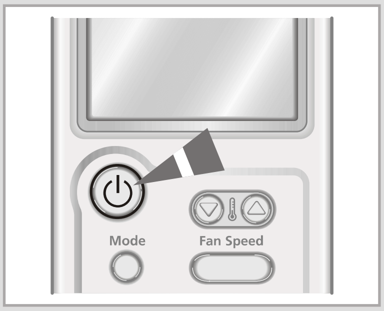

Set Temp.
Cool
E.Saver
Auto
28°C
Mode
Fan Speed

---

5 To control the airflow direction, refer to page 20.

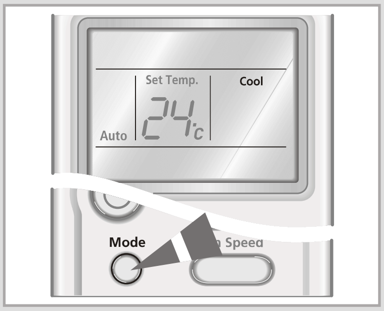
Selecting Good Morning Mode

Good Morning mode helps users to fall asleep well after going to bed whether being too hot to sleep The Good Morning mode can be selected only when the air conditioner is switched on or off in cool mode.


Mode
Fan Speed

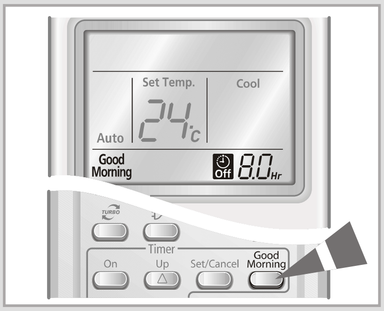
1 Press the ⏻ (On/Off) button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in cool mode with turbo fan speed.
- ◆ The indoor unit beeps.


Set Temp.
Cool
Auto
24°C
Mode
Speed

2 Press the Mode ○ button to select **cool** mode.

Result:
- ◆ The indoor unit beeps each time you press the Mode ○ button.
- ◆ The air conditioner runs in cool or heat mode.

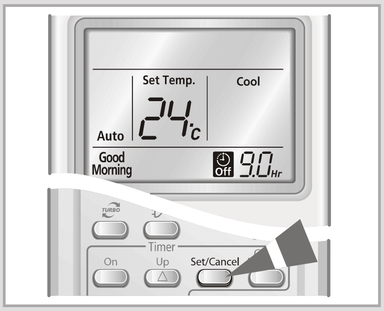

Set Temp.
Cool
Auto
24°C
Good Morning
Off 8.0Hr
TURBO
Timer
On
Up
Set/Cancel
Good Morning

3 Press the Good Morning button.

Result:
- ◆ The timer indicator is displayed.
- ◆ The Off timer is blinking on the remote control.

4 To set the Good Morning Off timer, press the Up △/Down ▽ buttons once or more times until the required Off time is displayed.

Result:
- ◆ The Good Morning mode will be automatically stopped in 8 hours if the operation time is not set.
- ◆ You can set the Off timer by pressing the Up △/Down ▽ buttons to turn off the Good Morning mode automatically at the appointed time within a range of 30 minutes to 12 hours.
- ◆ Each time the Up △/Down ▽ buttons are pressed, the time is increased by 30 minutes or 1 hour. Good Morning mode will be stopped at the appointed off time.


Set Temp.
Cool
Auto
24°C
Good Morning
Off 9.0Hr
TURBO
Timer
On
Up
Set/Cancel

5 Press the Set/Cancel button.

Result: The remaining time is displayed.

Note In the case of selecting Good Morning mode or adjusting the extra time for Good Morning mode, you should press the Set/Cancel button within 10 seconds. If you do not press the Set/Cancel button within 10 seconds, Good Morning mode will be canceled automatically.

6 Press the ▽ △ button to adjust the temperature until the desired temperature is displayed.
You can set the temperature between 16°C and 30°C.

Result: Each time you press the ▽ △ button;
- The temperature adjusts by 1°C
- The indoor unit beeps

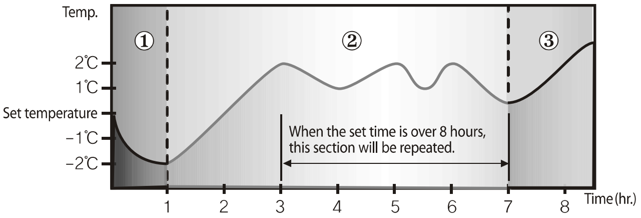
In cool mode

Good Morning mode keeps the skin temperature at the best during the 3 stages such as, Falling Asleep Stage ➟ Sound Sleep Stage ➟ Wake Up Stage in order.

① **Falling Asleep Stage :**
This stage supports the environment to quickly cool down. Together with comfortable intermittent air, you will be able to fall asleep quickly.

② **Sound Sleep Stage :**
This stage helps users to take deep sleep and keep the healthy skin by controlling wavy temperature control and insensible air stream.

③ **Wake Up Stage :**
This stage supports comfortable intermittent air to the room to raise human body temperature for refreshing wake up.



✳ The above temperature graph might be indicated differently from the temperature indicator of indoor unit depending on the user's location.

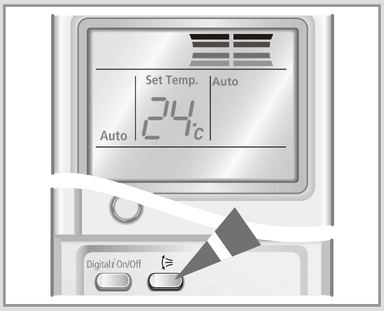
- ▶ The recommended temperature is set between 25°C and 27°C, and 26°C is the most ideal temperature for comfortable sleep.
- ▶ Airflow blades (left and right swing) and fan speed are controlled automatically as the above 3 stages in Good Morning mode.
- ▶ Set Off timer in Good Morning mode over 5 hours. You feel disturbed sleep if the Good Morning is set too short or long because the basic off timer is set for 8 hours.
- ▶ If the Good Morning mode is set less than 4 hours, the operation will be stopped after the set time. If the Good Morning mode is set over 5 hours, it will run as Wake Up stage for the last one hour before stop.

Adjusting the Airflow Direction

Adjust the airflow direction to circulate the air according to various needs. By adjusting the airflow direction, the efficiency of the air conditioner can be increased.

Adjusting the Airflow Direction Vertically

You can adjust the airflow direction vertically. The outer airflow blade moves up and down to increase the efficiency of the cooling or heating operation.



1. Press the button until the required direction is set.

   Result: The outer blade is adjusted vertically.

2. Press the button again to move the blade up and down automatically during operation.

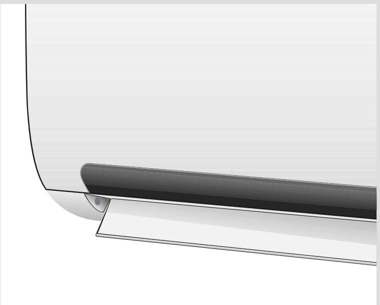
3. Press the button again to stop the blade moving up and down.

Note

If you turn the air conditioner...	*Then the blade...*
Off	is closed completely.
On	set to the default position.

Adjusting the Airflow Direction Horizontally

You can adjust airflow direction horizontally manually.
The inner blades with small fins move the air in the desired direction.



1. Adjust the inner blades by moving them left or right.

   ◆ Make sure do not touch the inner blades during operation.
   It may cause injury on your fingers.

Selecting the Auto Cleaning Function

You can select the Auto Cleaning Function if you want to sterilize the air conditioner or remove mold. You can set this function even when the air conditioner is turned off.

1 Press the ⏻ (On/Off) button.

Result:
- ◆ The operation indicator on the indoor unit lights up.
- ◆ The air conditioner starts up in cool mode with turbo fan speed.
- ◆ The indoor unit beeps.

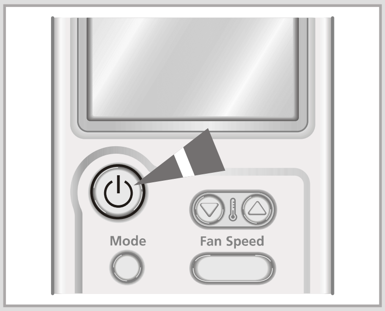
2 Press the Evap. CLEAN button.

Result:
- ◆ The Evap. CLEAN indicator on the indoor unit lights up and the Auto Cleaning function is set.
- ◆ When you turn the air conditioner off, it operates the Auto Cleaning function for 30 minutes. After 30 minutes, the air conditioner turns off.
- ◆ If you press the Evap. CLEAN button when the air conditioner is turned off, the air conditioner operates the Auto Cleaning Function for 30 minutes.

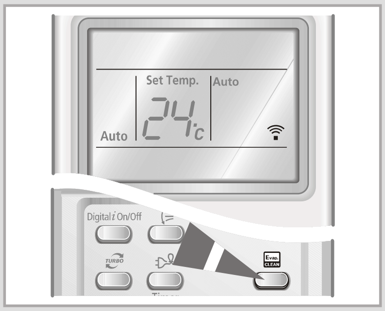
When the air conditioner is turned	***Mode***	***Operating time***
On	Auto, Cool, Dry	30 minutes
	Fan	15 minutes
Off		30 minutes

Note The Auto Cleaning indicator is displayed only on the indoor unit.

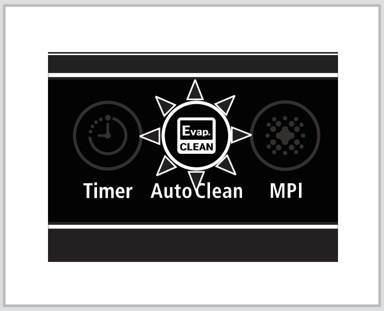
3 Press the Evap. CLEAN button again to stop the Auto cleaning function before the end of the 30-minute period.



Remote Control

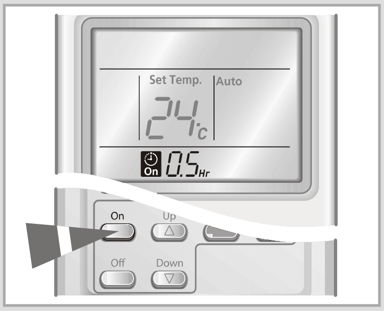


Control Panel

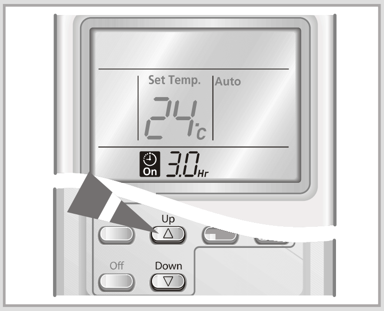


Setting the On Timer

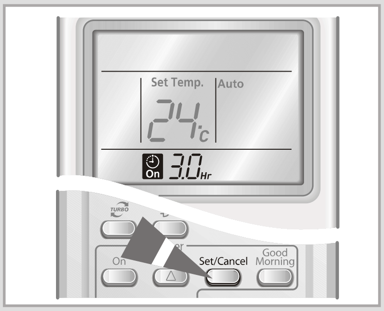
You can set the On Timer to turn on the air conditioner automatically at the appointed time within a range of 30 minutes to 24 hours.


Set Temp.
Auto
24°C
On 0.5Hr
On
Up
Off
Down

1 Press the On button .


Set Temp.
Auto
24°C
On 3.0Hr
Up
Off
Down

2 Press the Up or Down buttons until the desired time is displayed to set the On Timer. You can set the time between 0.5 hour and 24 hours.


Set Temp.
Auto
24°C
On 3.0Hr
TURBO
On
Set/Cancel
Good Morning

3 Press the Set/Cancel button to complete the setting.

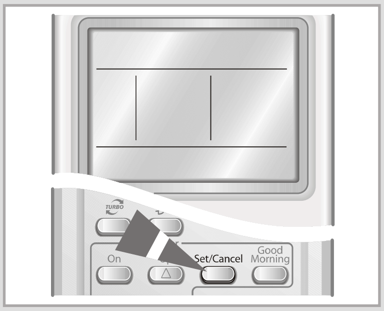
Result:
- ◆ The remaining time is displayed.
- ◆ The timer indicator stops blinking.
- ◆ The selected mode and the temperature on the display disappear after 10 seconds.
- ◆ The air conditioner turns on automatically at the appointed time and the On Timer setting disappears.

4 Press the Mode button until the desired mode is displayed at the top of the remote control to select the mode in advance.

Result: The air conditioner operates in the selected mode when it is turned on.

Note
- ◆ The most recently used function is set between On and Off Timer to turn on/off the air conditioner and Good Morning mode.
- ◆ On Timer of MPI mode cannot be set out separately.

To Cancel the On Timer


TURBO
On
Set/Cancel
Good Morning

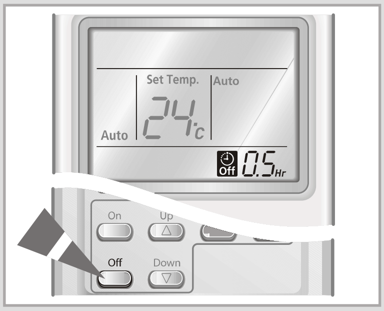
1 Press the Set/Cancel button to cancel the On Timer.

Note If you press the Set/Cancel button, both the On Timer and the Off Timer are canceled.

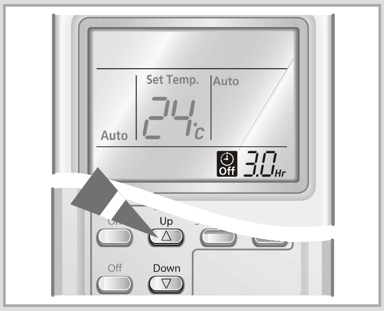
Setting the Off Timer

You can set the Off Timer to turn off the air conditioner automatically at the appointed time within a range of 30 minutes to 24 hours.

1 Press the Off button .

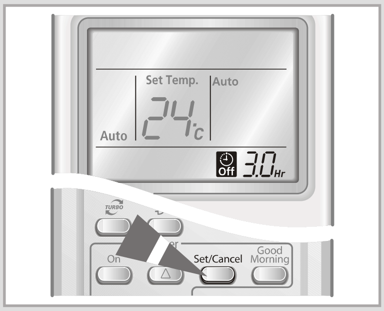


2 Press the Up △ or Down ▽ buttons until the desired time is displayed to set the Off Timer. You can set the time between 0.5 hour and 24 hours.



3 Press the Set/Cancel button to complete the setting.

Result:
- ◆ The remaining time is displayed.
- ◆ The timer indicator stops blinking.
- ◆ The air conditioner turns off automatically at the appointed time and the Off Timer setting disappears.



Example **If you would like to turn the air conditioner on after 2 hours and to operate it for 2 hours during non-operation:**

1. Press the On button.
2. Press the Up △ or Down ▽ buttons until '2.0 Hr' is displayed.
3. Press the Set/Cancel button.
4. Press the Off button.
5. Press the Up △ or Down ▽ buttons until '4.0 Hr' is displayed.
6. Press the Set/Cancel button.

Note If you would like to turn on the air conditioner and then to turn off it automatically at the appointed time by using On/Off Timer during operation, you should set the On Timer longer than the Off Timer.

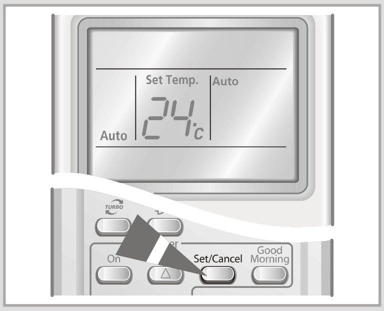
Caution **Make sure that the air conditioner will not continue to run after On Timer setting is confirmed.**

Note
- ◆ You can check or change the mode and/or the temperature by pressing the Mode button or the ▽ △ button after setting the Off Timer.
- ◆ The most recently used function is set between On and Off Timer to turn on/off the air conditioner and Good Morning mode.
- ◆ Off Timer of MPI mode cannot be set out separately.
- ◆ If you would like to turn off the air conditioner and then to turn on it again automatically at the appointed time by using On/Off Timer during non-operation, you should set the Off Timer longer than the On Timer.

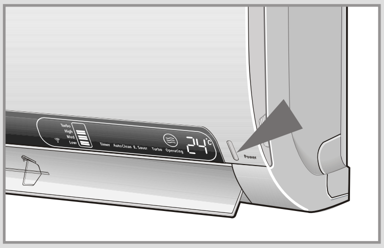
To Cancel the Off Timer

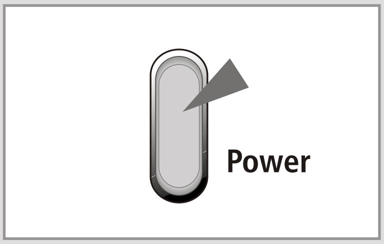
1 Press the Set/Cancel button to cancel the Off Timer.

Note If you press the Set/Cancel button, both the On Timer and the Off Timer are canceled.



Operating Your Air Conditioner Without the Remote Control


Turbo
High
Med
Low
Timer
Auto Clean
E. Saver
Turbo
Operating
24°C
Power



You can operate your air conditioner directly without the remote control.

1 To turn the air conditioner on, press the ON/OFF switch on the right side of the indoor unit.

Result:
- The Operation indicator on the indoor unit lights up.
- The indoor unit beeps.
- The air conditioner starts up in the appropriate mode for the room temperature.

2 To turn the air conditioner off, press the On/Off button again.

Note Even if you turned the air conditioner on with the On/Off button, you can control it with the remote control.

Selecting MPI (Micro Plasma Ion) Mode

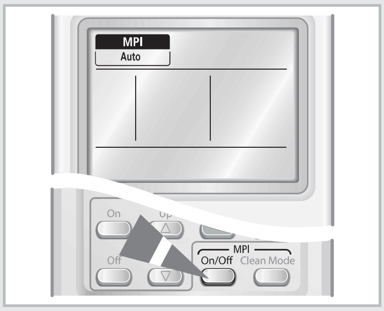
The Micro Plasma Ion mode creates strong purified zone by decomposing harmful particles in the behavior of active hydrogen(H) and oxygen ion(O_2). The MPI mode can be selected whether the air conditioner is turned on or not.

1 Press the MPI On/Off button.

◆ The air conditioner starts up in MPI-Auto mode automatically.

◆ The MPI mode also runs when the air conditioner is turned on.

◆ By pressing the MPI On/Off button again, the MPI mode is canceled.



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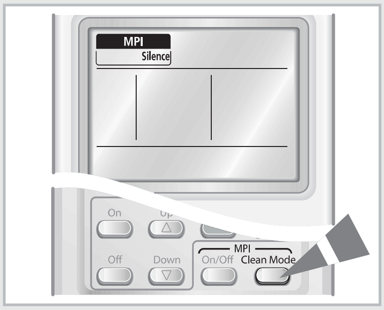
2 Press the MPI Clean Mode to select the MPI operation types.

◆ Whenever press the MPI Clean Mode button, Auto, Silence and Rapid will appear repeatedly.

◆ **Auto**: Controls the fan speed automatically
Silence: Purifies the indoor air with silence
Rapid: Purifies the indoor air quickly



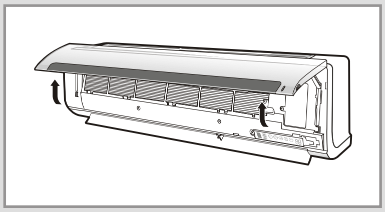
Note ***If MPI mode is turned on when the air conditioner runs,***

- You cannot select the MPI operation types by pressing the MPI Clean Mode button. The MPI mode runs only in Auto.
- The MPI mode will also stop by pressing the **Power** button of the panel.

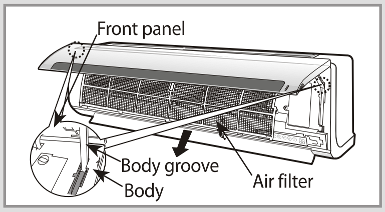
Cleaning Air Filter on Your Air Conditioner

For the best use of your air conditioner, you must clean it every 2 weeks regularly to remove the dust that accumulates on the air filter.

CAUTION ***Before cleaning your air conditioner, ensure that you have switched off the breaker used for the unit.***



1 Open the front panel by pulling tabs on the lower right and left sides of the indoor unit.

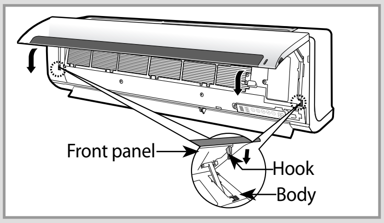


2 Detach the front panel by pulling it forwards.

3 Hold the edge of the air filter under the front panel and pull to release.

4 Remove all dust on the air filter with a vacuum cleaner or brush.

5 When you finish, insert the top of the filter into the slot and fix it to 5 tabs or 3 tabs of the panel.

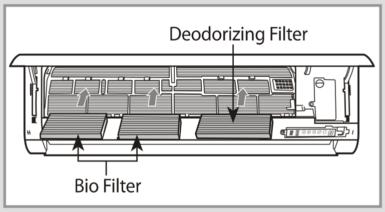


6 Clean the front panel with a damp cloth and mild detergent (do NOT use benzene, solvents or other chemicals).

7 Reassemble the air filter and the front panel.

Note ***If you have not used the air conditioner for a while, select the Fan mode for 3 to 4 hours to dry the inside of the air conditioner.***

There are Deodorizing and Bio filters inside your air conditioner. They remove odours and dust in your room. You should clean the filters every 3 months.



1 Open the upper front panel by pulling the lower right and left tabs of the panel.

2 Pull out the deodorizing and Bio filter.

3 Wash the filters with clean water, then dry them in the shade.

4 Insert the filters in their place.

5 Close the front panel.

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges within which the air conditioner can be used.

If the air conditioner is used at...	Then...
High temperatures	The air conditioner may stop operating for the reason of protection.
Low temperatures	Water may leak and some malfunction may occur if the heat exchanger freezes.
High humidity levels	Water may condense and drip from the surface of the indoor unit if you don't use the air conditioner for a long time.

Operation	Outdoor Temperature	Indoor Temperature	Indoor Humidity
Cooling	19°C to 54°C approx.	16°C to 32°C approx.	80% or less
Dehumidifying	19°C to 54°C approx.	16°C to 32°C approx.	-

✳ ***If you use the air conditioner over 32°C(indoor temperature), the cooling capacity may drop.***

Operating Recommendations

When you use your air conditioner, it is recommended that you read the following:

Topic	Recommendation
Power failure	If a power failure occurs when the air conditioner is operating, the air conditioner will turn off. When the power returns, the air conditioner will start up again automatically.
Protection mechanism	When the air conditioner is started immediately after being plugged in or stopped, the normal operation starts up after 3 minutes for the reason of protection.

Solving Common Problems

Before contacting the after-sales service, perform the following simple checks.
They may save you the time and expense of an unnecessary call.

Problem	Explanation/Solution
The air conditioner does not operate at all.	◆ Check if power is on and operate the air conditioner again. ◆ Check if the circuit breaker is switched off. ◆ Check if Off Timer is set.
The temperature is not adjusted.	◆ Check if you selected the Fan mode.
The cool air does not come out from the air conditioner.	◆ Check if set temperature higher than current temperature. ◆ Check if you selected the Fan mode. Select the Cool, Auto or Dry mode. ◆ Check if the air filter is blocked by dirt. Clean the air filter regularly. ◆ Check if the there is cover on the outdoor unit or any obstacle. Remove the cover or obstacle. ◆ Check if you installed the air conditioner under direct sunlight. ◆ The window or door may be opened. ◆ Check if you turn on the air conditioner just now. It takes about 3 minutes to cool the room. ◆ Check if the drain pipe is too long.
The fan speed is not adjusted.	◆ In Auto or Dry mode, the fan speed is selected automatically.
The remote control does not operate.	◆ Check if the battery is discharged. Replace the battery. ◆ Check if the remote control sensor is blocked. ◆ Check if the air conditioner is placed near strong light.
The Timer is not set.	◆ Check if you pressed the Set/Cancel button after selecting time.
Odour is permeated in the room during operation.	◆ Check if you use the air conditioner in smoky area or there is a smell. Ventilate the room or select the Fan mode for 1~2 hours.
The indoor unit indicator flashes.	◆ Press the ⏻ button to turn on the air conditioner again. Switch the circuit breaker off and switch on it again.
Strange sound is heard from the air conditioner.	◆ The sound is heard when the refrigerant gas flow is changed depending on the use of the air conditioner. ◆ When you press the ⏻ button, noise may be heard that the air conditioner sense the airflow blade.
Water drops from the outdoor unit connection part.	◆ Water may form due to the difference of the temperature.

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